

536482

10/536482

## (12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization  
International Bureau



(43) International Publication Date  
17 June 2004 (17.06.2004)

PCT

(10) International Publication Number  
WO 2004/049950 A1

(51) International Patent Classification<sup>7</sup>:  
// A61K 49/22

A61B 8/06

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(21) International Application Number:

PCT/NO2003/000397

(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(22) International Filing Date:

27 November 2003 (27.11.2003)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

20025737 29 November 2002 (29.11.2002) NO  
20034384 1 October 2003 (01.10.2003) NO

(84) Designated States (regional): ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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## Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.



WO 2004/049950 A1

(54) Title: ULTRASOUND TRIGGERING METHOD

(57) Abstract: The invention relates to a triggered ultrasound imaging method for imaging of the myocardium, minimizing the risk of eliciting cardiac arrhythmia. Particularly, the invention is directed to a method of assessing cardiac perfusion. Destruction pulses are triggered such that they fall within the refractory period of the heart, while imaging pulses are triggered at any given time of the ECG cycle, preferably during end-systole.